

## Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 252180  
ORIGIN FAA-00

INFO OCT-01 EUR-12 ISO-00 EB-08 DOTE-00 COME-00 CAB-02  
SSO-00 /023 R

DRAFTED BY FAA:NHPLUMMER:PMA  
APPROVED BY EB/OA/AVP:AJWHITE  
EB/OA/AVP:JSGRAVATT  
-----033097 202348Z /63

O 202136Z OCT 77  
FM SECSTATE WASHDC  
TO AMEMBASSY LONDON IMMEDIATE

LIMITED OFFICIAL USE STATE 252180

E.O. 11652: N/A

TAGS: EAIR, UK

SUBJECT: CIVAIR: BBC PLANS PROGRAM ON MICROWAVE  
LANDING SYSTEM (MLS)

REF: LONDON 17153

1. CIVAIR ATTACHE MAY DRAW ON FOLLOWING MATERIAL FOR  
MEETING WITH BBC REPRESENTATIVES ON OCTOBER 21.  
(MATERIAL KEYED TO QUESTIONS CONTAINED PARA. 2 REFTEL.)

(A) U.S. BELIEVES SELECTION OF MLS SYSTEM IS MATURE  
FOR DECISION AT ICAO ALL WEATHER OPERATIONS DIVISIONAL  
MEETING SCHEDULED FOR APRIL 1978. TRSB ALREADY RECOMMENDED  
BY ICAO AWO PANEL AS BEST SYSTEM, AND U.S. WILL NATURALLY  
WORK FOR THAT SYSTEM'S SELECTION.

(B) IN U.S. VIEW TRSB IS SUPERIOR TO DOPPLER BECAUSE  
DESIGN OF SYSTEM IS SIMPLER; COST OF TRSB IS LOWER THAN  
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 252180

DOPPLER ASSUMING SAME BASIS USED FOR COMPARING COST OF  
BOTH SYSTEMS; AND TRSB PROVIDES BETTER PERFORMANCE  
UNDER ADVERSE OPERATING CONDITIONS.

(C) FIELD TESTS HAVE BEEN CONDUCTED AT FAA FACILITIES  
AT NAFEC, AT NASA FACILITY IN CALIFORNIA AND RECENTLY  
AT CAPE MAY, NEW JERSEY.

(D) PRESENT FAA PLANS CALL FOR OPERATIONS DEMONSTRATION OF TRSB AT BRUSSELS AFTER JANUARY 1, 1978. PLAN IS CONTINGENT ON MAKING ARRANGEMENT WITH BELGIAN AUTHORITIES.

(E) THE TERM "TEST" IS A MISNOMER. TESTING HAS BEEN COMPLETED. FAA IS, HOWEVER, PREPARING FOR AN OPERATIONAL DEMONSTRATION OF TRSB IN BUENOS AIRES DURING FIRST WEEK IN NOVEMBER AND HAS ANNOUNCED PLANS FOR OTHER DEMONSTRATIONS BETWEEN NOW AND APRIL, 1978, AT OTHER LOCATIONS IN EUROPE, CANADA AND THE U.S.

(F) FAA HAS OFFERED TO PROVIDE LINCOLN LAB SIMULATION TAPES TO APPROPRIATE U.K. GOVERNMENT AUTHORITIES AS WELL AS OTHER AUTHORITIES HAVING BACKGROUND AND FACILITIES TO UNDERSTAND AND USE THEM. VANCE

LIMITED OFFICIAL USE

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** POLICIES, MICROWAVE EQUIPMENT, NAVIGATIONAL AIDS, COST ESTIMATES  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 20-Oct-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE252180  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** NHPLUMMER:PMA  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770386-0880  
**Format:** TEL  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1977/newtext/t19771037/aaaabfhp.tel  
**Line Count:** 77  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** 43143a2a-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN FAA  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 LONDON 17153  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 17-Nov-2004 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 841667  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** CIVAIR: BBC PLANS PROGRAM ON MICROWAVE LANDING SYSTEM (MLS)  
**TAGS:** EAIR, UK, US, ICAO, BBC  
**To:** LONDON  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/43143a2a-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009